

# Panagiotis D. Bamidis

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

293  
papers

3,698  
citations

29  
h-index

51  
g-index

389  
ext. papers

4,673  
ext. citations

2.8  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
293	Rehabilitation Supported by Technology: Protocol for an International Cocreation and User Experience Study.. <i>JMIR Research Protocols</i> , <b>2022</b> , 11, e34537	2	0
292	Assistive Technologies for Supporting the Wellbeing of Older Adults. <i>Technologies</i> , <b>2022</b> , 10, 8	2.4	4
291	Digital Biomarkers for Supporting Transitional Care Decisions: Protocol for a Transnational Feasibility Study.. <i>JMIR Research Protocols</i> , <b>2022</b> , 11, e34573	2	0
290	Cocreating a Harmonized Living Lab for Big Data-Driven Hybrid Persona Development: Protocol for Cocreating, Testing, and Seeking Consensus.. <i>JMIR Research Protocols</i> , <b>2022</b> , 11, e34567	2	1
289	ThessAHALLA Life-Long Learning Programme for the Social Inclusion of Early-Stage Older Adult Researchers. <i>Springer Series in Design and Innovation</i> , <b>2022</b> , 89-97	0.1	
288	3D printing and virtual and augmented reality in medicine and surgery: tackling the content development barrier through co-creative approaches <b>2022</b> , 77-99		
287	Incorporation of Synthetic Data Generation Techniques within a Controlled Data Processing Workflow in the Health and Wellbeing Domain. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 812	2.6	2
286	The impact of musical training in symbolic and non-symbolic audiovisual judgements of magnitude.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0266165	3.7	
285	Interaction within and between cortical networks subserving multisensory learning and its reorganization due to musical expertise.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7891	4.9	0
284	A Collective Intelligence Platform to Support Older Cancer Survivors: Towards the Definition of LifeChamps System and Big Data Reference Architecture. <i>Studies in Health Technology and Informatics</i> , <b>2022</b> ,	0.5	
283	Augmenting the Doctor of the 21st Century with Patient-Centered Communication Skill-Sets: The FOR21 Project. <i>Studies in Health Technology and Informatics</i> , <b>2022</b> ,	0.5	
282	Collaborative Learning Using Escape Designs and Pedagogies. A Needs Analysis Protocol. <i>Studies in Health Technology and Informatics</i> , <b>2022</b> ,	0.5	
281	A 3D Printed Model for Myringotomy and Grommet Insertion. <i>Ear, Nose and Throat Journal</i> , <b>2021</b> , 100, 1008S-1009S	1	
280	Therapeutic Benefits of Short-Arm Human Centrifugation in Multiple Sclerosis-A New Approach.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 746832	4.1	0
279	Work-in-Progress: Designing an e-Coaching System for Chronic Heart Failure Patients. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 437-444	0.4	
278	A National Representative, Cross-Sectional Study by the Hellenic Academy of Neuroimmunology (HEL.A.NI.) on COVID-19 and Multiple Sclerosis: Overall Impact and Willingness Toward Vaccination.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 757038	4.1	1
277	Varenicline administration for smoking cessation may reduce apnea hypopnea index in sleep apnea patients. <i>Sleep Medicine</i> , <b>2021</b> , 88, 87-89	4.6	0

276	Electronic medical registry of acute coronary syndromes in Greece. (ILIAKTIS study): Rationale and study design. <i>Hellenic Journal of Cardiology</i> , <b>2021</b> , 62, 244-247	2.1	
275	CO-CREATION OF CHATBOTS AS AN EDUCATIONAL RESOURCE- TRAINING THE TRAINERS WORKSHOP <b>2021</b> ,		2
274	Eliminating the gap between the use of assistive technologies and the inclusion of people with intellectual disabilities in leisure activities. <i>Health Informatics Journal</i> , <b>2021</b> , 27, 14604582211005004	3	1
273	Human blood adenosine biomarkers and non-rapid eye movement sleep stage 3 (NREM3) cortical functional connectivity associations during a 30-day head-down-tilt bed rest analogue: Potential effectiveness of a reactive sledge jump as a countermeasure. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13323	5.8	0
272	A Patient-Oriented App (ThessHF) to Improve Self-Care Quality in Heart Failure: From Evidence-Based Design to Pilot Study. <i>JMIR MHealth and UHealth</i> , <b>2021</b> , 9, e24271	5.5	9
271	Supporting Healthcare Integration of Refugees Exploiting Reusable Learning Objects: The ASPIRE Framework. <i>Studies in Health Technology and Informatics</i> , <b>2021</b> , 281, 565-569	0.5	
270	A Medical Ontology Informed User Experience Taxonomy to Support Co-creative Workflows for Authoring Mixed Reality Medical Education Spaces <b>2021</b> ,		1
269	Semantic Representation of Patient Triage Data Collected in Emergency Departments. <i>Studies in Health Technology and Informatics</i> , <b>2021</b> , 281, 1097-1099	0.5	
268	Gravity Threshold and Dose Response Relationships: Health Benefits Using a Short Arm Human Centrifuge. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 644661	4.6	2
267	Human-robot interaction for social skill development in children with ASD: A literature review. <i>Healthcare Technology Letters</i> , <b>2021</b> , 8, 90-96	1.9	3
266	Health and Social Care During Coronavirus Outbreak: The Exploitation of Long Lasting Memories - LLM Care. <i>Studies in Health Technology and Informatics</i> , <b>2021</b> , 281, 694-698	0.5	
265	User Centered Virtual Coaching for Older Adults at Home Using SMART Goal Plans and I-Change Model. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1
264	Translation and validation of the Greek version of the Jefferson Scale of Attitudes toward Physician and Nurse Collaboration (JSAPNC). <i>Journal of Interprofessional Care</i> , <b>2021</b> , 35, 293-300	2.7	1
263	Applications of Convolutional Neural Networks in neurodegeneration and physiological aging. <i>International Journal of Psychophysiology</i> , <b>2021</b> , 159, 1-10	2.9	1
262	Aging Effects on the Neuroplastic Attributes of Multisensory Cortical Networks as Triggered by a Computerized Music Reading Training Intervention. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 123-137	5.1	2
261	A review on current trends in automatic sleep staging through bio-signal recordings and future challenges. <i>Sleep Medicine Reviews</i> , <b>2021</b> , 55, 101377	10.2	10
260	Teaching university students co-creation and living lab methodologies through experiential learning activities and preparing them for RRI. <i>Health Informatics Journal</i> , <b>2021</b> , 27, 1460458221991204	3	4
259	Introduction to digital innovation in healthcare education and training <b>2021</b> , 3-15		1

258	Learning analytics, education data mining, and personalization in health professions education <b>2021</b> , 137-150		2
257	Computerized physical and cognitive training improves the functional architecture of the brain in adults with Down syndrome: A network science EEG study. <i>Network Neuroscience</i> , <b>2021</b> , 5, 274-294	5.6	0
256	Design and evaluation of mobile scenario based learning in the self-management of chronic pain. <i>Health Informatics Journal</i> , <b>2021</b> , 27, 1460458220977575		3
255	Physical Training In-Game Metrics for Cognitive Assessment: Evidence from Extended Trials with the Fitforall Exergaming Platform. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
254	Computerized Music-Reading Intervention Improves Resistance to Unisensory Distraction Within a Multisensory Task, in Young and Older Adults. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 742607	3.3	
253	Technology Enhanced Health and Social Care for Vulnerable People During the COVID-19 Outbreak. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 721065	3.3	3
252	Reduced pain and analgesic use after acoustic binaural beats therapy in chronic pain - A double-blind randomized control cross-over trial. <i>European Journal of Pain</i> , <b>2020</b> , 24, 1716-1729	3.7	4
251	Neuroscientific tools in the cockpit: towards a meaningful decision support system for fatigue risk management. <i>MATEC Web of Conferences</i> , <b>2020</b> , 314, 01003	0.3	0
250	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , <b>2020</b> , 143, 1674-1685	11.2	93
249	The First Thousand Days: early, integrated and evidence-based approaches to improving child health: coming to a population near you?. <i>Archives of Disease in Childhood</i> , <b>2020</b> , 105, 837-841	2.2	14
248	Combining big data search analytics and the FDA Adverse Event Reporting System database to detect a potential safety signal of mirtazapine abuse. <i>Health Informatics Journal</i> , <b>2020</b> , 26, 2265-2279	3	3
247	. <i>IEEE Access</i> , <b>2020</b> , 8, 52981-52995	3.5	11
246	Virtual Coaching for Older Adults at Home using SMART Goal Supported Behavior Change <b>2020</b> ,		2
245	Exploiting Assistive Technologies for People with Down Syndrome: A Multi-dimensional Impact Evaluation Analysis of Educational Feasibility and Usability. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 148-159	0.9	1
244	The Role of Medical Error and the Emotions it Induces in Learning [A Study Using Virtual Patients. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 3-12	0.9	1
243	Living with Learning Difficulties: Two Case Studies Exploring the Relationship Between Emotion and Performance in Students with Learning Difficulties. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 131-143	6.9	
242	Early Detection of Dementia <b>2020</b> , 1963-1988		0
241	Design of a Monte Carlo model based on dual-source computed tomography (DSCT) scanners for dose and image quality assessment using the Monte Carlo N-Particle (MCNP5) code. <i>Polish Journal of Medical Physics and Engineering</i> , <b>2020</b> , 26, 11-20	0.6	1

240	TRAINING THE TRAINERS CURRICULUM ON CO-CREATION OF VIRTUAL REALITY REUSABLE E-RESOURCES <b>2020</b> ,		2
239	A Mobile App for Thyroid Cancer Patients Aiming to Enhance Their Quality of Life: Protocol for a Quasiexperimental Interventional Pilot Study. <i>JMIR Research Protocols</i> , <b>2020</b> , 9, e13409	2	3
238	Web-Based Intervention Effects on Mild Cognitive Impairment Based on Apolipoprotein E Genotype: Quasi-Experimental Study. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e14617	7.6	2
237	A Mobile Health Solution Complementing Psychopharmacology-Supported Smoking Cessation: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , <b>2020</b> , 8, e17530	5.5	9
236	Development of Cognitive and Physical Exercise Systems, Clinical Recordings, Large-Scale Data Analytics, and Virtual Coaching for Heart Failure Patients: Protocol for the BioTechCOACH-ForALL Project. <i>JMIR Research Protocols</i> , <b>2020</b> , 9, e17714	2	1
235	Biosensor Real-Time Affective Analytics in Virtual and Mixed Reality Medical Education Serious Games: Cohort Study. <i>JMIR Serious Games</i> , <b>2020</b> , 8, e17823	3.4	12
234	Creating a Feedback Loop Between Persona Development and User Research Towards Better Technology Acceptance. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 282-298	0.9	2
233	Chatbots in Healthcare Curricula: The Case of a Conversational Virtual Patient. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 137-147	0.9	5
232	Advances in biofeedback and neurofeedback studies on smoking. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102397	5.3	2
231	Innovative Parkinson's Disease Patients' Motor Skills Assessment: The i-PROGNOSIS Paradigm. <i>Frontiers in Computer Science</i> , <b>2020</b> , 2,	3.4	2
230	Probabilistic Models for Clinical Pathways: The Case of Chronic Patients <b>2020</b> , 225-234		
229	Adaptive Protocol with Weights for Fair Distribution of Resources in Healthcare-Oriented PONs <b>2020</b> ,		1
228	Dynamic Risk Stratification for Predicting Treatment Response in Differentiated Thyroid Cancer. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
227	Cortical connectivity analysis for assessing the impact of microgravity and the efficacy of reactive sledge jumps countermeasure to NREM 2 sleep. <i>Acta Astronautica</i> , <b>2020</b> , 166, 579-589	2.9	6
226	Automatic Sleep Staging Employing Convolutional Neural Networks and Cortical Connectivity Images. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 113-123	10.3	16
225	Assistive HCI-Serious Games Co-design Insights: The Case Study of i-PROGNOSIS Personalized Game Suite for Parkinson's Disease. <i>Frontiers in Psychology</i> , <b>2020</b> , 11, 612835	3.4	2
224	Students' Perceptions on Chatbots' Potential and Design Characteristics in Healthcare Education. <i>Studies in Health Technology and Informatics</i> , <b>2020</b> , 272, 209-212	0.5	1
223	Evaluation of user satisfaction and usability of a mobile app for smoking cessation. <i>Computer Methods and Programs in Biomedicine</i> , <b>2019</b> , 182, 105042	6.9	7

222	The Pattern of Mu Rhythm Modulation During Emotional Destination Memory: Comparison Between Mild Cognitive Impairment Patients and Healthy Controls. <i>Journal of Alzheimeris Disease</i> , <b>2019</b> , 71, 1201-1215	4.3	2
221	Co-design the future CAPTAIN system with older adults <b>2019</b> ,		5
220	Enhancing Spatial Ability Through a Virtual Reality Game for Primary School Children: "The Wizard of Upside Down" An Experimental Approach. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 519-528	0.3	
219	Maladaptive alterations of resting state cortical network in Tinnitus: A directed functional connectivity analysis of a larger MEG data set. <i>Scientific Reports</i> , <b>2019</b> , 9, 15452	4.9	13
218	SmartHypnos: Developing a Toolbox for Polysomnographic Data Visualization and Analysis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 1395-1398	0.9	
217	Use of a mobile App to give up smoking. Results from a clinical trial <b>2019</b> ,		2
216	Towards the Definition of an Intelligent Triage and Continuous Monitoring System for Hospital Emergency Departments and Clinics. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 1641-1642	0.5	2
215	A New Approach for Ageing at Home: The CAPTAIN System. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 1704-1705	0.5	7
214	Neurophysiological changes in simulated microgravity: An animal model. <i>Neurology India</i> , <b>2019</b> , 67, S221-S226	6.7	8
213	From Expert Consulting to Co-creation in Medical Education; Co-creating an Exploratory Educational Space for Orthopedic Medical Education. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 622-631	0.3	0
212	Extending Exergame-Based Physical Activity for Older Adults: The e-Coaching Approach for Increased Adherence. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 108-125	0.3	
211	Integrating Technology into Traditional Dance for the Elderly. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 287-296	0.4	
210	Curricular integration of virtual patients: a unifying perspective of medical teachers and students. <i>BMC Medical Education</i> , <b>2019</b> , 19, 416	3.3	5
209	Advanced network neuroscience approaches in sleep neurobiology on extreme environments. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 4046-4067	0.9	1
208	Guest Editorial Small Things and Big Data: Controversies and Challenges in Digital Healthcare. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 2208-2210	7.2	
207	User-centered co-design and AGILE methodology for developing ambient assisting technologies: Study plan and methodological framework of the CAPTAIN project <b>2019</b> ,		3
206	Opening the Black Box: Explaining the Process of Basing a Health Recommender System on the I-Change Behavioral Change Model. <i>IEEE Access</i> , <b>2019</b> , 7, 176525-176540	3.5	9
205	Functional and non-functional requirements of a smart triage system for Emergency Departments: the case of IntelTriage project <b>2019</b> ,		1

204	. <i>IEEE Access</i> , <b>2019</b> , 7, 15027-15039	3.5	10
203	OGC IndoorGML: A Standard Approach for Indoor Maps <b>2019</b> , 187-207		7
202	Setting priorities for EU healthcare workforce IT skills competence improvement. <i>Health Informatics Journal</i> , <b>2019</b> , 25, 174-185	3	11
201	Statistical learning of multisensory regularities is enhanced in musicians: An MEG study. <i>NeuroImage</i> , <b>2018</b> , 175, 150-160	7.9	10
200	Measurements and FLUKA simulations of bismuth and aluminium activation at the CERN Shielding Benchmark Facility (CSBF). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 885, 79-85	1.2	12
199	Mobile and wearable technologies in healthcare for the ageing population. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 161, 233-237	6.9	53
198	Investigating the Role of Alpha and Beta Rhythms in Functional Motor Networks. <i>Neuroscience</i> , <b>2018</b> , 378, 54-70	3.9	26
197	Resting-state Abnormalities in Heroin-dependent Individuals. <i>Neuroscience</i> , <b>2018</b> , 378, 113-145	3.9	16
196	Tailoring motivational health messages for smoking cessation using an mHealth recommender system integrated with an electronic health record: a study protocol. <i>BMC Public Health</i> , <b>2018</b> , 18, 698	4.1	18
195	Achieving Accurate Automatic Sleep Staging on Manually Pre-processed EEG Data Through Synchronization Feature Extraction and Graph Metrics. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 110	3.3	20
194	Balancing Between Privacy and Patient Needs for Health Information in the Age of Participatory Health and Social Media: A Scoping Review. <i>Yearbook of Medical Informatics</i> , <b>2018</b> , 27, 29-36	4	17
193	Mapping the Spatiotemporal Evolution of Emotional Processing: An MEG Study Across Arousal and Valence Dimensions. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 322	3.3	7
192	Using the Social-Local-Mobile App for Smoking Cessation in the SmokeFreeBrain Project: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , <b>2018</b> , 7, e12464	2	6
191	Designing an E-coaching System for Older People to Increase Adherence to Exergame-based Physical Activity <b>2018</b> ,		4
190	Technology's Role on Physical Activity for Elderly People. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 668-678	0.4	2
189	Scoping the Window to the Universe; Design Considerations and Expert Evaluation of an Augmented Reality Mobile Application for Astronomy Education. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 409-420	0.4	2
188	Brain Plasticity in Older Adults: Could It Be Better Enhanced by Cognitive Training via an Adaptation of the Virtual Reality Platform FitForAll or via a Commercial Video Game?. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 728-742	0.4	1
187	56Coach Assistant via Projected and Tangible Interface (CAPTAIN): Co-production of a Radically New Human Computer Interface with Older Adults. <i>Age and Ageing</i> , <b>2018</b> , 47, v13-v60	3	0

186	Measurements and FLUKA Simulations of Bismuth, Aluminium and Indium Activation at the upgraded CERN Shielding Benchmark Facility (CSBF). <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1046, 012004	0.3	2
185	<b>2018</b> ,		2
184	A recommender system to quit smoking with mobile motivational messages: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2018</b> , 19, 618	2.8	9
183	Functional Re-organization of Cortical Networks of Senior Citizens After a 24-Week Traditional Dance Program. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 422	5.3	24
182	On Exploring Design Elements in Assistive Serious Games for Parkinson's Disease Patients: The i-PROGNOSIS Exergames Paradigm <b>2018</b> ,		2
181	Artificial neural networks and statistical classification applied to Electrical Impedance Spectroscopy data for Melanoma diagnosis in Dermatology (DermaSense) <b>2018</b> ,		1
180	Exploring health profiles from physical and cognitive serious game analytics <b>2018</b> ,		3
179	Prevalence of Apolipoprotein E Polymorphisms in Alzheimer's Disease, Mild Cognitive Impairment, and Healthy Elderly: A Northern Greece Study. <i>Neurodegenerative Diseases</i> , <b>2018</b> , 18, 216-224	2.3	10
178	Exploring the Neuroplastic Effects of Biofeedback Training on Smokers. <i>Behavioural Neurology</i> , <b>2018</b> , 2018, 4876287	3	4
177	Decoding Motor Imagery through Common Spatial Pattern Filters at the EEG Source Space. <i>Computational Intelligence and Neuroscience</i> , <b>2018</b> , 2018, 7957408	3	22
176	Juvenile idiopathic arthritis in the biologic era: predictors of the disease progression and need for early introduction of biologic treatment. <i>Rheumatology International</i> , <b>2018</b> , 38, 1241-1250	3.6	9
175	Functional Brain Connectivity during Multiple Motor Imagery Tasks in Spinal Cord Injury. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 9354207	3.3	9
174	Unmet Needs of Persons with Down Syndrome: How Assistive Technology and Game-Based Training May Fill the Gap. <i>Studies in Health Technology and Informatics</i> , <b>2018</b> , 251, 15-18	0.5	3
173	Exergames for Parkinson's Disease Patients: How Participatory Design Led to Technology Adaptation. <i>Studies in Health Technology and Informatics</i> , <b>2018</b> , 251, 78-81	0.5	3
172	Co-Creation of an Innovative Vocational Training Platform to Improve Autonomy in the Context of Alzheimer's Disease. <i>Studies in Health Technology and Informatics</i> , <b>2018</b> , 251, 309-312	0.5	2
171	Moving Real Exergaming Engines on the Web: The webFitForAll Case Study in an Active and Healthy Ageing Living Lab Environment. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2017</b> , 21, 859-866	7.2	28
170	Math anxiety: Brain cortical network changes in anticipation of doing mathematics. <i>International Journal of Psychophysiology</i> , <b>2017</b> , 122, 24-31	2.9	11
169	IoT of active and healthy ageing: cases from indoor location analytics in the wild. <i>Health and Technology</i> , <b>2017</b> , 7, 41-49	2.1	4



168	Emotion Recognition in the Wild: Results and Limitations from Active and Healthy Ageing Cases in a Living Lab. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 425-428	0.2	4
167	Serious games as a means for holistically supporting Parkinson's Disease patients: The i-PROGNOSIS personalized game suite framework <b>2017</b> ,		5
166	Affective Learning: Principles, Technologies, Practice. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 1-13	0.9	6
165	Wireless Brain-Robot Interface: User Perception and Performance Assessment of Spinal Cord Injury Patients. <i>Wireless Communications and Mobile Computing</i> , <b>2017</b> , 2017, 1-16	1.9	7
164	Towards Rehabilitation Robotics: Off-the-Shelf BCI Control of Anthropomorphic Robotic Arms. <i>BioMed Research International</i> , <b>2017</b> , 2017, 5708937	3	22
163	On Supporting Parkinson's Disease Patients: The i-Prognosis Personalized Game Suite Design Approach <b>2017</b> ,		1
162	Assessing Emotional Impact of Biofeedback and Neurofeedback Training in Smokers During a Smoking Cessation Project <b>2017</b> ,		3
161	<b>2017</b> ,		3
160	Functional connectivity of the cortical network supporting statistical learning in musicians and non-musicians: an MEG study. <i>Scientific Reports</i> , <b>2017</b> , 7, 16268	4.9	12
159	Visual Versus Kinesthetic Motor Imagery for BCI Control of Robotic Arms (Mercury 2.0) <b>2017</b> ,		4
158	An Automatic EEG Based System for the Recognition of Math Anxiety <b>2017</b> ,		3
157	Towards Evidence Based M-Health Application Design in Cancer Patient Healthy Lifestyle Interventions <b>2017</b> ,		2
156	Commercial BCI Control and Functional Brain Networks in Spinal Cord Injury: A Proof-of-Concept <b>2017</b> ,		3
155	The interplay between IoT and serious games towards personalised healthcare <b>2017</b> ,		5
154	Versatile mixed reality medical educational spaces; requirement analysis from expert users. <i>Personal and Ubiquitous Computing</i> , <b>2017</b> , 21, 1015-1024	2.1	11
153	A Proposed Learner Activity Taxonomy and a Framework for Analysing Learner Engagement versus Performance Using Big Educational Data <b>2017</b> ,		1
152	Automatic Sleep Stage Classification Applying Machine Learning Algorithms on EEG Recordings <b>2017</b> ,		8
151	A Systematic Review of Investigations into Functional Brain Connectivity Following Spinal Cord Injury. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 517	3.3	24

150	DISCOVER-ing Beyond OpenSim; Immersive Learning for Carers of the Elderly in the VR/AR era.. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 189-200	0.3	3
149	Towards Classroom Affective Analytics. Validating an Affective State Self-reporting tool for the medical classroom. <i>MedEdPublish</i> , <b>2017</b> , 6,	3.8	2
148	Internet of Things in Health Trends Through Bibliometrics and Text Mining. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 235, 73-77	0.5	1
147	Semantic Web, Reusable Learning Objects, Personal Learning Networks in Health: Key Pieces for Digital Health Literacy. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 238, 219-222	0.5	2
146	Multimodal e-Health Services for Smoking Cessation and Public Health: The SmokeFreeBrain Project Approach. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 245, 5-9	0.5	7
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